

IN THE CLAIMS:

Please **CANCEL** claims 1-28 without prejudice or disclaimer, and **ADD** claims 29-47 , as follows:

1-28. (CANCELLED)

29. (NEW) A reproducing apparatus comprising:

a playback signal processing unit to read data from a storage medium, the storage medium comprising an audio area including at least one audio title set (ATS), audio data stored in said ATS, catalog playback information which is stored in the audio area and which is related to the audio data stored in the ATS, and a predetermined area other than the audio area which includes a catalog management (CMG) region having management information on catalog information, and a catalog title set (CTS) having at least one catalog title including the catalog information related to each item of the audio data; and

a controller which reproduces the audio data and the catalog information according to the read catalog playback information, the catalog playback information connecting the audio data and the catalog information to be reproduced during reproduction of the audio data.

30. (NEW) The reproducing apparatus of claim 29, wherein:

the at least one catalog title includes a still picture related to a corresponding item of the audio data; and

the controller reproduces the audio data and the still picture according to the read catalog playback information, the catalog playback information automatically instructing the controller to reproduce the still picture with the audio data when the audio data is reproduced.

31. (NEW) The reproducing apparatus of claim 29, wherein the catalog information related to the audio data further comprises common catalog information commonly applied for more than one of the audio data recorded on the storage medium.

32. (NEW) The reproducing apparatus of claim 29, wherein:

the catalog information comprises still picture information related to the audio data during reproduction according to the catalog playback information,

the controller reproduces the audio data and the still picture information according to the read catalog playback information,

the still picture information comprises:

common still picture information commonly applied for more than one item of the audio data recorded on the storage medium, and

title still picture information corresponding uniquely corresponding to individual items of the audio data, and

the predetermined area comprises:

a still picture management (SMG) region having management information on the still picture information, and

a still picture title set (SPTS) including at least one still picture title including the still picture information related to each item of the audio data.

33. (NEW). A reproducing apparatus comprising:

a playback signal processing unit to read data from a storage medium, the storage medium comprising audio data stored in a first predetermined area of the storage medium with catalog playback information, and catalog information related to the audio data and stored in a second predetermined area of the storage medium other than the first predetermined area; and

a controller which reproduces the audio data and the catalog information according to the read catalog playback information,

wherein:

the catalog information comprises a still picture, a sub-picture, and navigation information controlling the still picture and the sub-picture, and

the second predetermined area comprises a catalog management (CMG) region having management information on the catalog information, and a catalog title set (CTS) including at least one title catalog of the catalog information related to each item of the audio data.

34. (NEW). The reproducing apparatus of claim 33, wherein the first predetermined area comprises at least one audio title set (ATS) storing the audio data.

35. (NEW). The reproducing apparatus of claim 33, wherein the first predetermined area comprises an audio management (AMG) region including management information on the audio data and an audio title set (ATS) which includes the audio data.

36. (NEW). The reproducing apparatus of claim 33, wherein:
the catalog playback information includes an auto presentation information table determining the catalog information to be played back corresponding to a predetermined time during reproduction of the audio data, and
the controller reproduces the audio data and the catalog information according to the auto presentation information table of the catalog playback information.

37. (NEW). The reproducing apparatus of claim 33, further comprising a buffer to store the catalog information, wherein the controller controls the playback signal processing unit to read the catalog information from the second predetermined area and to store the read catalog information in the buffer prior to reading the audio data from the first predetermined area, and reproduces the buffered catalog information while reproducing the read audio data according to the read catalog playback information.

38. (NEW) A method of playing back data on a storage medium storing audio data, catalog information related to the audio data, and catalog playback information connecting the audio data and the catalog information to each other during playback, comprising:

while playing back the audio data obtained from an audio area, playing back the corresponding catalog information obtained from a catalog information area which corresponds to the catalog playback information obtained from the audio area,

wherein:

the audio area includes the catalog playback information and an audio title set (ATS) in which is stored the audio data, and

the catalog information area is other than the audio area and which includes the catalog information stored in a catalog title set (CTS).

39. (NEW) The method of claim 38, further comprising reading from the audio area the audio data to be played back, wherein:

the playing back the corresponding catalog information comprises:

reading from the catalog information area the catalog information related to the audio data to be reproduced according to the catalog playback information connecting the audio data and the catalog information to each other during reproduction; and

reproducing the read encoded audio data and the read encoded catalog information read from the storage medium connected by the encoded catalog playback information;

the audio area further comprises an audio management (AMG) region having management information on the audio data and including the catalog playback information; and

the catalog information area is other than the audio area and further comprises a catalog management (CMG) region having management information on the catalog information.

40. (NEW) The method of claim 38, wherein:

the catalog information includes common catalog data for information commonly applied for more than one of the audio data and title catalog information corresponding to each of the audio data, and

the playing back the corresponding catalog information comprises playing back, according to the catalog playback information, the common catalog data, the title catalog data, or combinations thereof with the audio data.

41. (NEW) The method of claim 38, wherein:

the catalog information comprises common catalog information commonly applied for more than one of the audio data and title catalog information corresponding to each of the audio data,

the playing back the corresponding catalog information comprises, during reproduction of the audio data, selectively controlling playback of the common catalog data, the title catalog data, or combinations thereof using the catalog playback information, the catalog playback information linking the common catalog data and the title catalog data according to the reproduced audio data, and

the catalog information comprises a catalog management (CMG) region having management information on the catalog information.

42. (NEW) The method of claim 38, wherein:

the catalog information comprises still picture information related to the audio data during reproduction by the catalog playback information,

the playing back the corresponding catalog information comprises, during reproduction of the audio data, reproducing the still picture information which is related to the reproduced audio data during reproduction by the read catalog playback information by controlling playback

of a common one of the still picture information commonly applied for more than one of the audio data recorded on the storage medium and/or title still picture information corresponding to each of the audio data according to the reproduced audio data,

and the catalog information area comprises:

a still picture management region having management information on the still picture information, and

a still picture title set including at least one still picture title including the still picture information related to each item of the audio data.

43. (NEW) The method of claim 38, wherein the catalog information includes a still picture for a background image, a sub-picture for a caption, and navigation information for controlling the reproduction of the still picture and the sub-picture.

44. (NEW) The method of claim 38, wherein:

the catalog information area comprises a catalog management (CMG) region having management information on the catalog information and the CTS having at least one catalog title including the catalog information related to each item of the audio data, and

the at least one catalog title comprises

at least one still picture,

at least one sub-picture, and

navigation information controlling the still picture and the sub-picture.

45. (NEW) The method of claim 38, wherein the catalog playback information comprises an auto presentation information table determining the catalog information to be played back corresponding to a predetermined time with the audio data, and the playing back the corresponding catalog information further comprises determining the catalog information to be played back and playing back the corresponding catalog information according to the auto presentation table.

46. (NEW) The method of claim 38, further comprising buffering the catalog information read from the catalog information area, wherein the playing back the catalog information comprises playing back the buffered catalog information according to the catalog playback information read from the catalog information area.

47. (NEW) The method of claim 38, wherein the playing back the catalog information comprises, while playing back the audio data, using the catalog playback information to selectively reproduce the catalog information from a buffer and which was buffered prior to playing back the audio data being reproduced.